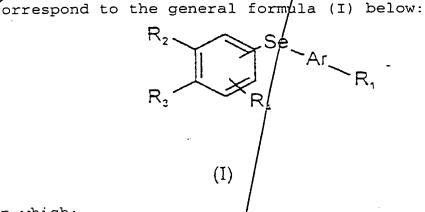
CLAIMS

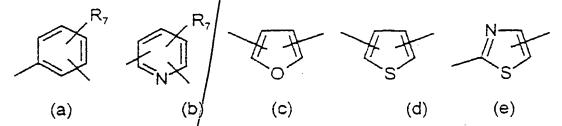
1. Compounds, characterized in that they



- 5 in which:
 - R₁ represents:
 - (i)a -CH₃ radical,
 - (ii) a radical $-CH_2-\phi-R_5$,
 - (iii) a radical -COR6,

10 R₅ and R₆ having the meanings given below,

- Ar represents a radical chosen from the radicals of formulae (a)-(e) below:



R₇ having the meaning given below,

- 15 R_2 and R_3 , which may be identical or different, independently represent a radical chosen from:
 - (i)a hydrogen atom,
 - (ii) a radical chosen from tert-butyl,

1-methylcyclohexyl and 1-adamantyl radicals,

20 (iii) a radical -OR₈, R₈ having the meaning given

20

below,

5 - R₂ and R₃ taken together can form, with the adjacent aromatic ring, a 5- or 6-membered saturated ring optionally substituted with methyl groups and/or optionally interrupted with an oxygen or sulphur atom, - R₄ represents a hydrogen atom, a halogen atom, a lower 10 alkyl radical, a radical OR₉, a polyether radical or a radical COR₁₀,

 $$\rm R_9$$ and $\rm R_{10}$ having the meanings given below, - $\rm R_5$ represents a hydrogen atom, a lower alkyl radical or a radical $\rm COR_{11}$,

15 R₁₁ having the meaning given below,
- R₆ represents a radical chosen from:

(i)a hydrogen atom

(ii) a lower alkyl radical,

(iiii) a radical OR_{2} ,

 R_{12} having the meaning given below,

(iv)a radical of formula

R''

R' and R'' having the meanings given below, $-R_7$ represents a hydrogen atom, a halogen atom, a lower alkyl radical, a nitro radical, a radical OR_{13} , a polyether radical or a radical of the following

†

formula:

 R_{13} , R_{14} and R_{15} having the meanings given

below,

- R₈ represents a hydrogen atom/ a lower alkyl radical, an optionally substituted aryl/radical, an optionally substituted aralkyl radical, a monohydroxyalkyl or polyhydroxyalkyl radical or a lower acyl radical,

- R9 represents a hydrogen atom, a lower alkyl radical, 10 an optionally substituted aryl radical, an optionally substituted aralkyl radical, a monohydroxyalkyl or polyhydroxyalkyl radical, a lower acyl radical, a radical $-(CH_2)_n-COOR_{16}$ or /a radical $-(CH_2)_n-X$,

n, R₁₆ and X having the meanings given below,

15 - R_{10} and R_{11} , which may be identical or different, represent a lower alky 1 radical,

- R₁₂ represents a hydrogen atom, a lower alkyl radical, an optionally substituted aryl or aralkyl radical, a monohydroxyalkyl radical or a polyhydroxyalkyl radical,

20 - R' and R", which m/ay be identical or different, represent a hydrogeh atom, a lower alkyl radical, an optionally substituted aryl radical or an amino acid residue,

or alternatively R' and R'' taken together can form,

25 with the nitrogen atom, a heterocycle,

- R₁₃ represents/a hydrogen atom or a lower alkyl

radical,

- R_{14} and R_{15} , which may be identical or different, represent a hydrogen atom or a lower alkyl radical,
- R_{16} represents a hydrogen atom or a lower alkyl 5 radical,
 - n represents an integer between 1 and 12 inclusive,
 - X represents a halogen atom, and the optical and geometrical isomers of the said compounds of formula (I), \int as well as the salts thereof.
- 10 Compounds /according to Claim 1, characterized in that they are in the form of salts of an alkali metal or alkaline-earth metal, of zinc, of an organic amine or of an inorganic or organic acid.
- Compounds according to either of 15 Claims 1 and 2, characterized in that the lower alkyl radicals are chosen from methyl, ethyl, isopropyl, butyl and tert-butyl radicals.
- Compounds according to one of the 4. preceding claims, characterized in that the 20 monohydroxyalkyl radicals correspond to radicals containing 2 or 3 carbon atoms, in particular a 2-hydroxyethyl, 2-hydroxypropyl or 3-hydroxypropyl radical, it being possible for the monohydroxyalkyl radical to be protected in the form of acetyl or tertbutyldimethylsilyl.
 - Compounds according to one of the preceding claims, characterized in that the polyhydroxyalkyl fadicals are chosen from

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2,3-dihydroxypropyl, 2,3,4-trihydroxybutyl and 2,3,4,5-tetrahydroxypentyl radicals or a pentaerythritol residue, it being possible for the hydroxyl groups to be protected in the form of acetyls or tert-butyldimethylsilyls.

- 6. Compounds according to one of the preceding claims, characterized in that the aryl radicals correspond to a phenyl radical, optionally substituted with at least one halogen, one hydroxyl or one nitro function.
- 7. Compounds adcording to one of the preceding claims, characterized in that the aralkyl radicals are chosen from benzyl and phenethyl radicals optionally substituted with at least one halogen, one hydroxyl or one nitro function.
 - 8. Compounds according to one of the preceding claims, characterized in that the lower acyl radicals are chosen from an acetyl radical or a propionyl radical.
- 9. Compounds according to any one of the preceding claims, characterized in that the polyether radicals are chosen from methoxymethyl ether, methoxyethoxymethyl ether and methylthiomethyl ether radicals.
- 25 10. Compounds according to any one of the preceding claims, characterized in that the amino acid residues are chosen from the group consisting of residues derived from lysine, glycine or from aspartic

Al

acid.

11. Compounds according to any one of the preceding claims, characterized in that the heterocyclic radicals are chosen from the group consisting of piperidino, morpholino, pyrrolidino and piperazino radicals, optionally substituted in position 4 with a C_1 - C_6 alkyl radical or with a mono- or polyhydroxyalkyl radical.

12. Compounds according to Claim 1,

10 characterized in that they are taken, alone or as mixtures, from the group consisting of:
ethyl 4-(3,5,5,8,8-pentamethyl-5,6,7,8-tetrahydro-2-naphthylselanyl)benzoate,

4-(3,5,5,8,8-pentamethy/1-5,6,7,8-tetrahydro-

2-naphthylselanyl)benzoic acid,
ethyl 6-(3,5,5,8,8-pentamethyl-5,6,7,8-tetrahydro2-naphthylselanyl)nicotinate,
6-(3,5,5,8,8-pentamethyl-5,6,7,8-tetrahydro2-naphthylselanyl)nicotinic acid,

20 ethyl 6-(5,5,8,8-tetramethyl-3-propoxy-5,6,7,8tetrahydro-2-naphthylselanyl)nicotinate,
6-(5,5,8,8-tetramethyl-3-propoxy-5,6,7,8-tetrahydro2-naphthylselanyl)nicotinic acid,

3-(4-tert-butylphenylselanyl)benzoic acid,

25 6-(4-tert-butylphenylselanyl)nicotinic acid,

4-(4-tert-butylphenylselanyl)benzoic acid,

4-(4,4-dimethy/thiochroman-8-ylselanyl)benzoic acid,

3-(4,4-dimethylthiochroman-8-ylselanyl)benzoic acid,

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6-(4,4-dimethylthiochroman-8-ylselanyl)nicotinic acid,
    4-(5,5,8,8-tetramethyl-5,6,7,8-tetrahydro-
    2-naphthylselanyl)benzoic acid,
    3-(5,5,8,8-\text{tetramethyl}-5,6,7/8-\text{tetrahydro-}
   2-naphthylselanyl)benzoic acid,
    6-(5,5,8,8-tetramethyl-5,6/7,8-tetrahydro-
    2-naphthylselanyl)nicotin‡c acid,
    4-[5-adamantan-1-yl-4-(2-methoxyethoxymethoxy)-
    2-methylphenylselanyl}benzoic acid,
10 3-[5-adamantan-1-yl-4-(2-methoxyethoxymethoxy)-
   2-methylphenylselanyl]benzoic acid,
   6-(4-methoxyethoxymethoxy-5,5,8,8-tetramethyl-
    5,6,7,8-tetrahydro-2-maphthylselanyl)nicotinic acid,
    3-(4-methoxyethoxymet/hoxy-5,5,8,8-tetramethyl-
15 5,6,7,8-tetrahydro-2/naphthylselanyl)benzoic acid,
    4-(4-methoxyethoxym¢thoxy-5,5,8,8-tetramethyl-
    5,6,7,8-tetrahydro-2-naphthylselanyl)-3-methoxybenzoic
   acid,
   3-(4-methoxyethoxymethoxy-5,5,8,8-tetramethyl-
5,6,7,8-tetrahydrb-2-naphthylselanyl)-4-methoxybenzoic
   acid.
   6-(4-methoxymethoxy-5,5,8,8-tetramethyl-
   5,6,7,8-tetrah/dro-2-naphthylselanyl)nicotinic acid,
   6-(3-methoxyet/hoxymethoxy-5,5,8,8-tetramethyl-
25 5,6,7,8-tetrahydro-2-naphthylselanyl)nicotinic acid,
   2-(3-methoxy/ethoxymethoxy-5,5,8,8-tetramethyl-
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5,6,7,8-tet/rahydro-2-naphthylselanyl)nicotinic acid,

4-(3-methoxyethoxymethoxy-5,5,8,8-tetramethyl-

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   5,6,7,8-tetrahydro-2-naphthylselanyl)benzoic acid,
   3-(3-methoxyethoxymethoxy-5,5/,8,8-tetramethyl-
   5,6,7,8-tetrahydro-2-naphthy/iselanyl)benzoic acid,
   6-(3,5-di-tert-butyl-2-methoxymethoxyphenylselanyl)-
5 nicotinic acid,
  2-(3,5-di-tert-butyl-2-methoxymethoxyphenylselanyl)-
  nicotinic acid,
  4-(3,5-di-tert-butyl-2-methoxymethoxyphenylselanyl)-
  benzoic acid,
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10 3-(3,5-di-tert-butyl-2-methoxymethoxyphenylselanyl)benzoic acid.

6-[4-adamantan-1-yl-3-penzyloxyphenylselanyl]nicotinic acid.

6-(3,5-di-tert-butyl-2-benzyloxyphenylselanyl)nicotinic

15 acid,

3-methoxy-4-(4-benzy/oxy-5,6,7,8-tetrahydro-

5,5,8,8-tetramethyl-2-naphthylselanyl)benzoic acid,

4-(4-benzyloxy-5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-

2-naphthylselanyl)benzoic acid,

20 6-(4-benzyloxy-5,6/7,8-tetrahydro-5,5,8,8-tetramethyl-

2-naphthylselanyl)hicotinic acid,

3-methoxy-4-(3-benzyloxy-5,6,7,8-tetrahydro-

5,5,8,8-tetramethy1-2-naphthy1selany1)benzoic acid,

6-(3-benzyloxy-5/,6,7,8-tetrahydro-5,5,8,8-tetramethyl-

25 2-naphthylselan/1)nicotinic acid,

4-(3-hexyloxy-5), 6, 7, 8-tetrahydro-5, 5, 8, 8-tetramethyl-

2-naphthylsela/yl)-3-methoxybenzoic acid,

6-(3-hexyloxy/5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-

2-naphthylselanyl)nicotinic $\frac{\eta}{\phi}$ cid,

4-(5-adamantan-1-yl-4-benzyloxy-2-methylphenylselanyl)-benzoic acid,

 $6-[3-(5-hydroxypentyloxy)-\frac{1}{5},5,8,8-tetramethyl-$

5 5,6,7,8-tetrahydro-2-naphthylselanyl]nicotinic acid, ethyl 4-(5,5,8,8-tetramethyl-5,6,7,8-tetrahydro-2-naphthylselanyl)benzoate,

ethyl 4-(3-methoxyethoxymethoxy-5,5,8,8-tetramethyl-5,6,7,8-tetrahydro-2-naphthylselanyl)benzoate,

ethyl 4-(3-hydroxy-5,5,8,8-tetramethyl-5,6,7,8-tetrahydro-2-naphthylselanyl)benzoate,
4-(3-hydroxy-5,5,8,8-tetramethyl-5,6,7,8-tetrahydro-2-naphthylselanyl)benzoic acid,
ethyl 6-(3-methoxyethpxymethoxy-5,5,8,8-tetramethyl-

15 5,6,7,8-tetrahydro-2-naphthylselanyl)nicotinate,

ethyl 6-(3-hydroxy-5,5,8,8-tetramethyl-

5,6,7,8-tetrahydro-2-naphthylselanyl)nicotinate,

6-(3-hydroxy-5,5,8,8-tetramethyl-5,6,7,8-tetrahydro-

2-naphthylselanyl) dicotinic acid,

ethyl 6-[3-(3-ethoxycarbonylpropoxy)-5,5,8,8-tetramethyl-5,6,7,8-tetrahydro-2-naphthylselanyl]nicotinate,
6-[3-(3-carboxypropoxy)-5,5,8,8-tetramethyl-

5,6,7,8-tetrahydro-2-naphthylselanyl]nicotinic acid,

ethyl 4-[3-(3-ethoxycarbonylpropoxy)-5,5,8,8-tetramethyl-

25 5,6,7,8-tetrahydro-2-naphthylselanyl]benzoate,

4-[3-(3-carbox)propoxy)-5,5,8,8-tetramethyl-

5,6,7,8-tetrahydro-2-naphthylselanyl]benzoic acid,

ethyl 4-[3-(7] methoxycarbonylheptyloxy)-5,5,8,8-tetra-

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methy1-5,6,7,8-tetrahydro-2-naphthylselanyl]benzoate, 4-[3-(7-carboxyheptyloxy)-5,5,8,8-tetramethyl-5,6,7,8-tetrahydro-2-naphthylselanyl]benzoic acid, ethyl 6-[3-(7-methoxycarbonylheptyloxy)-5,5,8,8-tetramethyl-5,6,7,8-tetrahydro-2-haphthylselanyl]nicotinate, 6-[3-(7-carboxyheptyloxy)-5/5,8,8-tetramethyl-5,6,7,8-tetrahydro-2-naphthylselanyl]nicotinic acid, ethyl 6-[3-(2-acetoxyethox/y)-5,5,8,8-tetramethyl-5,6,7,8-tetrahydro-2-naphthylselanyl]nicotinate, 10 6-[3-(2-hydroxyethoxy)-5, 5, 8, 8-tetramethyl-5,6,7,8-tetrahydro-2-naphthylselanyl]nicotinic acid, ethyl 4-[3-(2-acetoxyethoxy)-5,5,8,8-tetramethyl-5,6,7,8-tetrahydro-2-naphthylselanyl]benzoate, 4-[3-(2-hydroxyethoxy)] - [5,5,8,8-tetramethyl-15 5,6,7,8-tetrahydro-2-naphthylselanyl]benzoic acid, 6-(3-adamantan-1-yl-4/methoxyphenylselanyl)nicotinic acid, [6-(3,5,5,8,8-pentamethyl-5,6,7,8-tetrahydro-2-naphthylselanyl)-3/-pyridyl]methanol, 20 N-ethyl-6-(3,5,5,8,\$-pentamethyl-5,6,7,8-tetrahydro-2-naphthylselanyl) | icotinamide, morpholin-4-yl-[6-/(3,5,5,8,8-pentamethyl-5,6,7,8-tetrahydro-2-naphthyls | lanyl)-3-pyridyl] methanone, N-(4-hydroxyphen 1)-6-(3,5,5,8,8-pentamethyl-5,6,7,8-tetrahydro-2-naphthylselanyl)nicotinamide, 25 6-(3,5,5,8,8-pentamethyl-5,6,7,8-tetrahydro-2-naphthylselamyl)pyridine-3-carbaldehyde.

Compounds according to Claim 1,

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characterized in that they have at least one, and preferably all, of the following characteristics:

- R₁ represents a radical COR₆

- Ar represents a radical of formula (a) or (b)

- R_2 or R_3 represents an adamantyl radical or R_2 and R_3 taken together form, with the adjacent aromatic ring, a 5- or 6-membered saturated ring optionally substituted with methyl groups and/or optionally interrupted with an oxygen or sulphur atom.

14. Compounds according to any one of the preceding claims, for use as medicinal products.

Compounds, according to Claim 14, for use 15. as medicinal products intended for treating dermatological complaints associated with a keratinization disorder which has a bearing on differentiation and on proliferation, in particular for treating common acne, comedones, polymorphonuclear leukocytes, rosacea, nodulocystic acne, acne conglobata, senile acne, secondary acnes such as solar, medication-related or occupational acne; for treating other types of keratinization disorder, in particular ichthyosis, ichthyosiform states, Darier's disease, palmoplantar keratoderma, leucoplasias and leucoplasiform states, and cutaneous or mucous (buccal) lichen; for treating other dermatological complaints associated with a keratinization disorder with an inflammatory and/or immunoallergic component and, in particular, all forms of psoriasis, whether it is

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cutaneous, mucous or ungual psoriasis and even psoriatic rheumatism, or alternatively cutaneous atopy, such as eczema or respiratory at opy or alternatively gingival hypertrophy; the compounds can also be used in certain inflammatory complaints which have no keratinization disorder; for freating all dermal or epidermal proliferations, whether benign or malignant and whether they are of viral origin or otherwise, such as common warts, flat warts and verruciform 10 epidermodysplasia, oral or/florid papillomatoses and proliferations which may $\not\!\!\!/ e$ induced by ultraviolet radiation, in particular in the case of basocellular and spinocellular epithelioma; for treating other dermatological disorders such as bullosis and collagen diseases; for treating/certain ophthalmological disorders, in particular corneopathies; for repairing or combating ageing of the skin, whether this is lightinduced or chronological ageing, or for reducing actinic keratoses and pigmentations, or any pathologies associated with chronological or actinic ageing; for preventing or curing the stigmata of epidermal and/or dermal atrophy induced by local or systemic corticosteroids, or any other form of cutaneous atrophy; for preventing or treating cicatrization disorders or $f\phi r$ preventing or repairing stretchmarks, or alternatively for promoting cicatrization; for combating disorders of sebaceous functioning such as the hyperseborrhoea of acne or simple seborrhoea; in

the treatment or prevention of cancerous or
precancerous states, more particularly promyelocyte
leukaemias; in the treatment of inflammatory complaints
such as arthritis; in the treatment of any general or
skin complaint of viral origin; in the prevention or
treatment of alopecia; in the treatment of
dermatological complaints having an immunological
component; in the treatment of complaints of the
cardiovascular system such as arteriosclerosis,
hypertension, non-insulin-dependent diabetes and
obesity; in the treatment of skin disorders due to an

16. Pharmaceutical composition, characterized in that it comprises, in a

15 pharmaceutically acceptable support, at least one of the compounds as defined in any one of Claims 1 to 13.

exposure to U.V. radiation.

17. Composition according to Claim 16, characterized in that the concentration of compound(s) according to one of Claims 1 to 13 is between 0.001% and 5% by weight relative to the composition as a whole.

18. Cosmetic composition, characterized in that it comprises, in a cosmetically acceptable support, at least one of the compounds as defined in any one of Claims 1 to 13.

19. Composition according to Claim 18, characterized in that the concentration of compound(s) according to one of Claims 1 to 13 is between 0.001%

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and 3% by weight relative to the composition as a whole.

20. Use of a cosmetic composition as defined in either of Claims 18 and 19, for body or hair

5 hygiene.